UNITED STATES DEPARTMENT OF COMMERCI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

Robert R. Williams

3605 Highway 52 North

Rochester, MN 55901-7829

**IBM** Corporation

Dept. 917

09/29/2004

EXAMINER

GUSHI, ROSS N

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 09/29/2004

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.

10/645,124 08/21/2003 Randall Scott Jensen ROC920030013US1 7109

TITLE OF INVENTION: PIN MOUNTED CIRCUIT BOARD RETAINER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/29/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

3605 Highway 52 N Rochester, MN 559						(Depositor's name) (Signature) (Date)		
APPLICATION NO.	FILING DATE	FIR	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/645,124	08/21/2003		Randall Scott Jens	en	ROC920030013US1	7109		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	P(	UBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE		
nonprovisional	NO	\$1330		\$300	\$1630 	12/29/2004		
EXAM	INER	ART UNIT	C	LASS-SUBCLASS				
GUSHI,	ROSS N	2833	2833 439-571000					
"Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless	37 CFR 3.11. Completion o	ion form of a Customer  PRINTED ON THI ow, no assignee dat f this form is NOT a	or agents OR, alte (2) the name of a registered attorne; 2 registered pateni listed, no name wi E PATENT (print of a will appear on to substitute for filin	single firm (having as or agent) and the na attorneys or agents. Il be printed or type)	s a member a 2	locument has been filed for		
	assignee category or categor	es (will not be printe	ed on the patent) :	☐ Individual ☐	Corporation or other private gr	oup entity Government		
Please check the appropriate	enclosed:		ayment of Fee(s):					
4a. The following fee(s) are					check in the amount of the fee(s) is enclosed.  syment by credit card. Form PTO-2038 is attached.			
4a. The following fee(s) are Issue Fee	mall entity discount permitted		-					
4a. The following fee(s) are  Issue Fee  Publication Fee (No si	mall entity discount permitted	l)	Payment by cred The Director is	it card. Form PTO-20 hereby authorized by	38 is attached. charge the required fee(s), or	credit any overpayment, to		
4a. The following fee(s) are  Issue Fee  Publication Fee (No s:  Advance Order - # of	Copies	l)	Payment by cred	it card. Form PTO-20 hereby authorized by	38 is attached.	credit any overpayment, to copy of this form).		
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4a. The following fee(s) are  Issue Fee Publication Fee (No si Advance Order - # of  5. Change in Entity Status a. Applicant claims SI  The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	(from status indicated above) MALL ENTITY status. See 3 is requested to apply the Issu ublication Fee (if required) w ords of the United States Pater	7 CFR 1.27. E Fee and Publication ill not be accepted fint and Trademark Of	Payment by cred The Director is eposit Account Nu b. Applicant is no received in Fee (if any) or to commanyone other to ffice.	tit card. Form PTO-20 hereby authorized by mber  o longer claiming SM re-apply any previous han the applicant; a re-	38 is attached.  charge the required fee(s), or (enclose an extra of the extra of t	EFR 1.27(g)(2). ation identified above. the assignee or other party in		
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an application. Confidentiality is governed by 37 CFR 1.311. The information is required to obtain of retain a benefit by the public which is to file (and by the USP1O to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/645,124	08/21/2003	Randall Scott Jensen	ROC920030013US1	7109	
7590 09/29/2004		EXAMINER			
Robert R. Williams			GUSHI, I	GUSHI, ROSS N	
IBM Corporation Dept. 917			ART UNIT	PAPER NUMBER	
3605 Highway 52 North Rochester, MN 55901-7829		2833			
			DATE MAILED: 09/29/2004	4	

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



### UNITED STATES PATENT AND TRADEMARK OFFICE

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IBM Corporation Dept. 917			ART UNIT	PAPER NUMBER	
3605 Highway 52 N	05 Highway 52 North		2833		
Rochester, MN 55901-7829			DATE MAILED: 09/29/2004		

#### Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))	\$685.00
By other than a small entity	\$1,370.00
(b) Issue fee for issuing a design patent:	
By a small entity (Sec. 1.27(a))	\$245.00
By other than a small entity	\$490.00
(c) Issue fee for issuing a plant natent:	

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.